

ONLINE VOTING SYSTEM

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ABSTRACT

To conduct the election easily and securely we can use Online Voting system which is web-based voting system. This voting system can be used for casting votes during the elections held in colleges, etc. In this system the voter does not have to go to the polling booth to cast their vote. They can use their personal computer to cast their votes. There is a database which is maintained in which all the name of the voters with their complete information is stored. The System Administrator registers the voters by simply filling a registration form to register the voters. After registration, the voter is assigned a secret voter ID with which he/she can use to login to the system and cast his/her vote. If invalid/wrong details are submitted, then the person is not able to register their vote. After the user successfully registers themselves, a link is sent on their respective E-mail IDs. Online voting system should provide high security and it should be user friendly to the users.

Keywords: - Online Voting, HTML, JavaScript, MYSQL, WAMPP, PHP, Voting analysis.

I. INTRODUCTION

The aim of electronic voting system helps the voters to register their Votes easily and also easy to make final tally. On this system it should satisfy anonymity, scalability, speed, and accuracy. Many people believe that this voting is perfect in this technology. Unique Database should maintain by system. registration is done by the system administration. If invalid details are given then they are not able to put their vote.

A. Problem Statement

Online voting system should provide high security and it should be user friendly to the users. We have to be resolved to create a respect and believe online voting system.

B. Research Objective

The main objective of this paper is to reduce redundancy of votes it should support multiple environment.it can provide large volume of database of users.

C. Background

This is software that can be used by people to vote in an election. All the user must do is login and click on his favourable candidates to register his vote to their favourite candidate. The development and testing is done on Ethernet.

voter's information.

Voter's Names with ID and password.

Voter's Adhar Number

Voter's vote in a database.

Calculation of total number of votes.

D. Scope of Study

The scope of the project is that it will use the Password and ID created by user to register him/her in the voting site, by this way all the details about the voters are stored in database .

II.LITERATURE REVIEW

A. Background

This is the software that can be used by people to vote in an election. All the user must do is login and click on his favorable candidates to register his vote. It is being developed for use by everyone with a self and simple explanatory GUI. The development and testing is done on Ethernet. Proposed online voting system is a voting system by which any Voter can register their vote from any Place in the World. It contains,

Voter's Names with ID and password.

Voter's Adhar Number

Voter's information in database.

Voter's vote in a database.

Voter's Adhar Number

Calculation of total number of votes.

Various operational work is:

Checking of information filled by voter,

Discard the false information,

Recording information of the Voter in database.

B. Existing system

Remote voting is exercise into two different ways. Close envelope ballot: In this the person cast is voter, enclosed in an envelope and post to register post.

C. Proposed System

In proposed system computerized counting is simple.

D. Product Functions

The Online Voting System takes care of authenticating the datas of the Voters because it has a server back-end system which will helps in managing datas.

E. Constraints

Login and password are used for identification of Voter .For one adhar number one account has been created

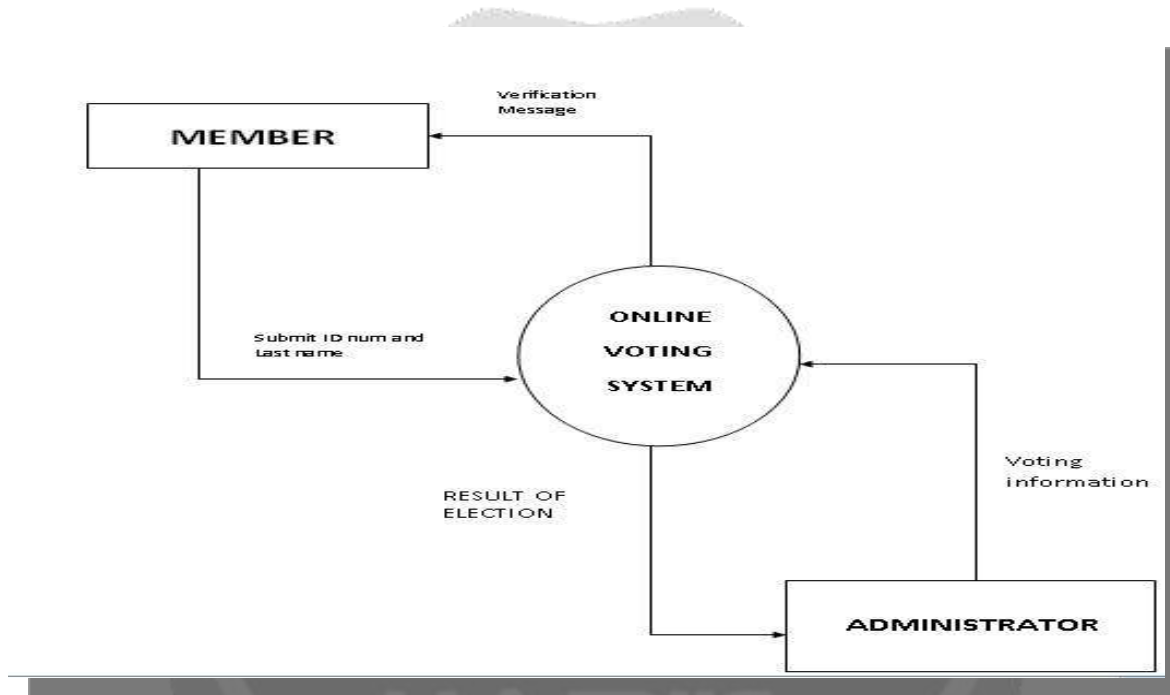


Fig-1 voting systemchart

III. SALIENT FEATURE

Online voting is software system through which a voter can give votes through registering themselves on the voting website. For each page in the website all the have its own database table so all the information in sites which has been entered are stored in database. The design of online Voting System is very simple and also it is highly secure , ease of use and also reliable. It deals with design, build and test a online voting system that candidate (Candidate are the users who are going to stand in elections for their respective party),facilitates user (the person who is eligible for voting), Election Commission Officer will check whether the voter is registered or not and he will allow the voter to participate in online voting. This online voting system is very simple highly secured, ease of use and also reliable.

A. Home

It is the welcome page of the website, having all the feature options of the website.

B. Creation

The voter can create their id name on their own and have to create password. They have to enter their personal details like name, location, age etc... The voter must give their adhar to their personal details. After filling the details, it cross checks the voter's personal details what they have entered and the details in the adhar card. If the details are correct, it will create an account, or else it will eliminate it. For one adhar number, one account will be created. If already an account is created by using the same adhar number, it will not create again.

C. Registration

This is the register page, all the information registered in the website is saved in the respective database and does not require geographical proximity of the voters. In this, where the voter and candidate can register themselves and they cannot open another id because the id name is linked with their adhar number. For an adhar number, there is only one id.

D. Login

User Login: After registering into the website, this information is sent to the election commission and also saved in the database. The user can login to the website with his unique USERNAME and PASSWORD generated through registration.

Candidate Login: The candidate has facilitated with all the latest news update regarding election. After registration, a candidate can be able to view his/her profile and also able to make changes.

Online Election System	
New Election View Election View Result End Election Logout	
Candidate Name:	<input type="text"/>
Info:	<input type="text"/>
Image:	<input type="button" value="Choose File"/> No file chosen

Fig-2 online election system

Advantages:

Cost effective.

- a) Easy Maintenance
- b) Labour cost is not much required
- c) Very convenient for people
- d) High speed
- e) Lower time is required
- f) Avoid Cheating in election
- g) Highly Secure

Disadvantages:

Required all user details so collection of details required some more time.

Due to some network issues votes can't be register or record.

IV. CONCLUSION:

Finally, this system is to avoid human errors. our main moto of these system is to reduce redundancy and people can easily put their vote in an easy way.

The advantage of this system is that we can easily maintains information very securely and fast to access. it is also flexible. And also provide scalability to larger elections.

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